

# EDN POWER SOURCES



## SLIM 20W POWER SUPPLY OFFERS MULTIPLE OUTPUTS.

The SSL20 series of 15-to-20W universal input ac/dc external Class II power supplies comes in four single-output and two multiple-output models. Targeting desktop and mobile applications, such as network adapters, xDSL modems, cable modems, LCDs, and external storage devices, the units weigh just 4.5 oz and come in a 4.21×2.24×0.98-in. plastic enclosure. Overvoltage and short-circuit protection are standard. The units sell for \$35 in low-volume quantities.

**Artesyn Technologies Inc.**, Eden Prairie, MN.  
1-612-941-1100, fax 1-612-829-1837, [www.artesyn.com](http://www.artesyn.com).

**Circle No. 371**

## POWER SYSTEMS TARGET DATA AND TELECOMM MARKETS.

The Galaxy Power System (GPS) 4812 for -48V-dc powering systems targets large central, remote-wire-line, and small central switching offices; fiber huts; digital loop carriers; and customer premises equipment. The GPS 2424 system supports 24V-dc cell sites. The L-, H-, and NH-series families of dc/dc board-mounted power modules allow space-efficient board layout. The RS Series family of 400W power supplies targets distributed powering applications. The GPS 4812 and 2424 cost from \$15,000 to \$18,000. L-series modules are \$33.45, \$36.70, and \$38.40; H-series modules are \$59.85 and \$112.10; and NH-series modules are \$29.95 and \$39.60. The RS Series costs \$250 (all 1000). **Lucent Technologies Microelectronics Group**, Allentown, PA. 1-800-372-2447, fax 1-610-712-4106, [www.lucent.com/micro](http://www.lucent.com/micro).

**Circle No. 372**

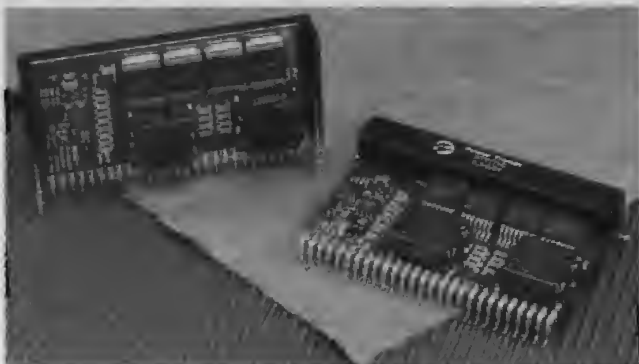


## ULTRAMINIATURE INVERTER SIMPLIFIES INSPECTION.

At just 0.25×2-in., the BXA-12S76 Series ultra-miniature 12V ac/dc "pencil" inverter is well-suited for down-hole inspection applications, such as bore scopes, small pipes, and drill holes, that require a low-cost means of powering CCD lighting. The low profile and small footprint of the 12V fixed-output CCFL power inverter conserve board space and eliminate the need for high-voltage cable. You can accomplish video detection and transmission of welds, seams, and obstructions by adding a small, cold-cathode display. Prices start at \$8 (1000). **JKL Components Corp.**, North Tustin, CA. 1-818-896-0019, fax 1-818-897-3056, [www.jklamps.com](http://www.jklamps.com).

**Circle No. 373**

## POWER SOURCES

**LOW-VOLTAGE POWER MODULES APPROACH 90% EFFICIENCY.**

The PT7770 Series of 32A, 5 to 3.3V power modules and current boosters supplies low-voltage power to large, current-hungry processors. The modules work with the company's PT7746 current boosters, which boost output current in 32A increments. One PT7770 power module and one PT7746 current booster can supply as much as 64A; a second PT7746 added in parallel boosts output current to 96A. The modules have efficiencies approaching 90%; thus, you can program the PT7770 by a 5-bit input from 1.3 to 3.5V. The units cost \$44 each. **Power Trends Inc.**, Warrenville, IL. 1-630-393-6901, fax 1-630-393-6902, [www.powertrends.com](http://www.powertrends.com).

**Circle No. 374****SMALL DC/DC CONVERTERS CARRY TRIPLE OUTPUTS.**

The PicoVerter Models pV48-T3512 and pV48-T512 triple-output dc/dc-converter modules convert 39 to 60V dc to three outputs for telecommunications and other distributed or centralized modular-power applications. Each module measures just 0.5×2.4×4.6 in. From inputs of 48V dc, the T3512 delivers outputs of 3.3V at 4A, 5V at 6.5A, and -12V at 0.5A. The T512 delivers outputs of 5V at 8A, 12V at 1A, and -12V at 0.2A. Both modules are certified to UL 1950, CSA C22.2 #234 Issue 2, and TUV-IEC 950, including EN 60950 and EN 41003. Prices start at \$115 (100). **RO Associates Inc.**, Sunnyvale, CA. 1-408-744-1450, fax 1-408-744-1521, [www.roassoc.com](http://www.roassoc.com).

**Circle No. 376****CUSTOMIZABLE UPS FAMILY PROVIDES 16 CATEGORIES OF OPTIONS.**

Any combination of input and output types is possible with the CT (customizable technology) series of continuous power systems. You can specify output power in these 5.25-in.-high rack-mounted UPS (uninterruptible-power-supply) products from 1000 VA/700W to 2000 VA/1400W. Optional categories include output power, input and output voltage, input and output frequency, input and output connectors, communications, software, operating systems, battery, and environment. The CT series works with all major network-operating systems using SNMP or RS-232C or works remotely with a modem. Prices start at \$2290 with availability two weeks ARO. **Clary Corp.**, Monrovia, CA. 1-626-359-4486, fax 1-626-305-0254, [www.clary.com](http://www.clary.com).

**Circle No. 375**

# POWER SOURCES

## MULTIPLE-OUTPUT 150W SWITCHER MEETS EUROPEAN REQUIREMENTS.

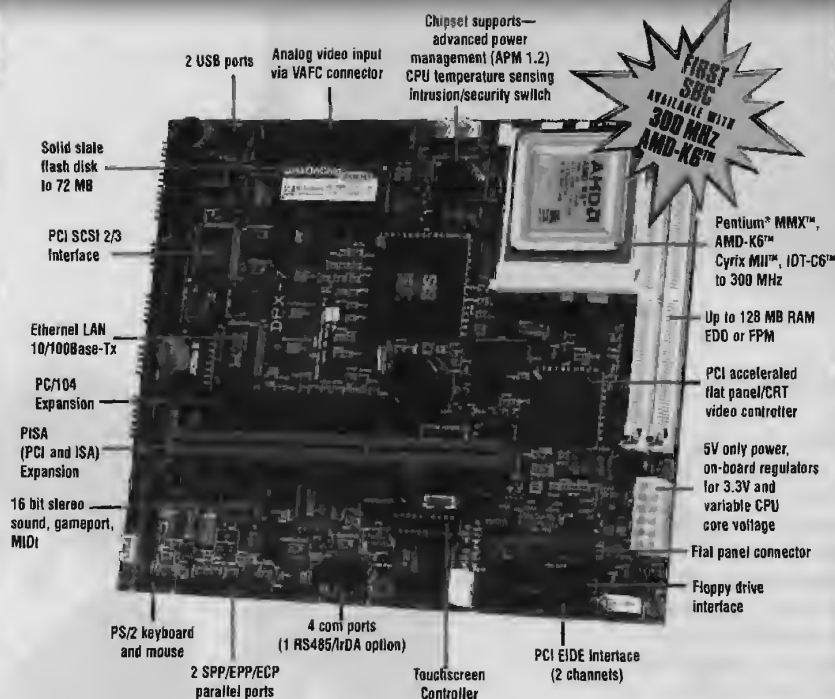
The UPF150 150W switching power supply for computer, peripheral, office-automation, telecomm, and

industrial products meets the harmonic requirements of EN 61000-3-2. Active power-factor correction reduces line harmonic content below the applicable directives required for sale in Europe and

improves power factor to 0.98 typical. You can modify the switchers to meet custom output voltage for almost any voltage from  $\pm 2$  to  $\pm 48V$ . The UPF150 series measures only  $6.8 \times 3.8 \times 1.5$  in. and is a drop-in replacement for the US150 series. Single-output models cost \$141 (100). **Digital Power**, Fremont, CA. 1-510-657-2635, fax 1-510-657-6634, [www.digipwr.com](http://www.digipwr.com).

Circle No. 377

## Pentium® II Performance on AMD-K6™ SBC



Now you can get Pentium® II performance from a **low profile**, small form factor SBC. Densitron's new DPX70 SBC combines the ultra high speed 300 MHz AMD-K6™ with Chips and Technologies' new 69000 video controller — the result...a very high performance low profile SBC. DPX70 features don't stop with high speed CPU and video performance; this SBC is fully integrated with LCD/CRT controller, touchscreen controller, solid state flash disk, 2 USB ports, 4 com +2 parallel ports, Ethernet LAN, SCSI, PC/104 & PISA expansion, stereo sound. This SBC is truly a SINGLE BOARD SOLUTION for your embedded system design.

**Densitron**  
CORPORATION AMERICA

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FAX: 562-941-5757  
[www.densitron.com](http://www.densitron.com)

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Pentium® & AMD-K6™ • LCD/CRT • Multimedia • USB • LAN • SCSI • Touchscreen • PC104



## THIN SWITCHER OFFERS FOUR OUTPUTS AT 250W.

The Thin-250 M Series switching power supplies feature one to four 250W outputs with active power-factor correction in a 1.75-in.-high case. The units are 5-in. wide and 9-in. deep for both open-frame and covered versions, providing 3.2W/in.<sup>3</sup> The M Series offers single-output voltages of 5, 12, 24, and 48V dc. On multioutput modules, the main output is 3.3 or 5V with other outputs at 3.3, 5, 12, 15, and 5 to 25V dc (adjustable). Prices start at \$265 (single) with significant discounts for large quantities, which require eight weeks. **Unipower Corp.**, Coral Springs, FL. 1-954-346-2442, fax 1-954-340-7901, [www.unipower-corp.com](http://www.unipower-corp.com).

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